

REQUEST FOR ENGINEERING INFORMATION (REI)

ORIGINATOR NAME / PHONE No. Shirley Washington 804-279-3267		ORG /CODE 0731.12	CONTRACT OR SCHEDULE NUMBER	REI NUMBER 00-12808
NSN OR PART NOMENCLATURE 5342-00-833-2845		DWG./ PART NO. AFFECTED 29-50528-9 (80020)	TYPE OF EQUIPMENT	REQUEST DATE 10/11/00
SUPERVISOR		INSPECTOR	REFERENCE DOCUMENT DSCR Case # 07-01-00073	SHEET 1 OF 6

DESCRIPTION OF PROBLEM

No Previous TDR

Please identify sources of supply if available and, please include a copy of the current drawing and a current copy of the QM1006 quality requirements if not incorporated into the TDR. In addition, please identify if this is a critical item and if an F.A.T. and/or a P.A.S. are required. Please provide the correct AMC/AMSC.

POC for this request is Charles Johnson, 215-697-2196 at NAVICP-P

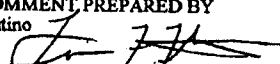
NAVAIR COMMENT

29-50528 Rev "K" IN NOTE 2: ADD "OR NAVSEA S9074 AR-GIB-010/278"

DISREGARD NOTE 6 AND SUBSTITUTE THE FOLLOWING: 100% MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH ASTM E1444 PERFORMED BY BOTH THE CIRCULAR AND LONGITUDINAL METHOD. THE WET OR DRY PROCESS WITH EITHER FLUORESCENT OR NON-FLUORESCENT PARTICLES SHALL BE USED. WELDS SHALL MEET CLASS 1 REQUIREMENTS OF MIL-STD-2035. BASE METAL MUST MEET THE REQUIREMENTS OF MIL-STD-2035.

DISREGARD NOTES 10 AND 13.

IN NOTE 11. DISREGARD "EXCEPT PARA. 3.1 SHALL NOT APPLY"

CHANGE		NAVAIR COMMENT PREPARED BY Louis F. Frontino 		PHONE NUMBER 732-323-2877	DATE 10/18/00	CODE 48101
DRAWINGS Y		NAVAIR COMMENT APPROVED BY		PHONE NUMBER	DATE	CODE
MANUALS N						
MRC's N						
ECP REQ'D N						
4.8.10 (REV. 6-00)						

**NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION LAKEHURST
QUALITY ASSURANCE BRANCH
PROTOTYPING AND MANUFACTURING DEPARTMENT**

SUPPLEMENTAL CONTRACT QUALITY REQUIREMENTS

The following requirements are provided herein to assist the Procurement Contracting Officer in the preparation of solicitation and contract documents; and to supplement the Technical Data Requirements (TDR) package referenced below for inclusion of said requirements into all associated solicitation documents and subsequent contract awards for purposes of assuring the adequacy of contractor quality assurance functions and processes; and to identify critical Engineering Support Activity (ESA) support actions occurring through-out the source selection and procurement cycle.

I TDR NUMBER: 00-12808

II ITEM DESCRIPTION

Description: Bracket

NSN: 5342-00-833-2845

P/N 29-50528-9

Criticality: none

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3. Gov Unique Requirements
4. Configuration Control
5. Quality Conformance and Sampling Inspection
6. Certificate of Quality Compliance

IV NAWC POINT OF CONTACT:

Ed Newman is the cognizant Quality Assurance Specialist representing the Naval Air Warfare Center Aircraft Division Lakehurst (NAWCADLKE) for all relevant QA matters related to this procurement action. He may be reached by telephone on 732-323-4154; by telefax on 732-323-1381; or via the email at newmanem@NAVAIR.NAVY.MIL.

PREPARED BY :

APPROVED BY:

Ed Newman

Mark Barclay _____

A: DIRECTION TO THE CONTRACTING OFFICER/PCO

The following direction is provided to the contacting officer to identify capable sources for this procurement action, determine points of inspection and acceptance, and identify the QALI originating activity.

1. Source Selection:

a. Formal NAWC Quality Assurance engineering source approval is not required for this item. The contractors listed below are known to be recent, past, successful suppliers of the item of ALRE/SE being procured and may be awarded contracts without further consideration. Conducting preaward surveys and/or post award conferences is at the option of the PCO. Accordingly, NAWC Quality Assurance Personnel are available to assist in the process of establishing appropriate sources and provide advice on quality performance of potential sources offering bids for this item of ALSE/SE. Regarding instances when there are sources identified on the drawing, unless cited below, there is no current performance history for these vendors and NAWC offers no endorsement of these vendors.

- a. none
- b.

2. Inspection and Acceptance:

- a. Inspection for this item of ALRE/SE shall be at source
- b. Acceptance for this item of ALRE shall be at source by the cognizant DCMA QAR

3. Quality Assurance Letter of Instruction:

a. Upon contract award for this item of ALRE/SE, NAWCADLKE Quality Assurance branch will issue a Quality Assurance Letter of Instruction (QALI) to the cognizant contract administration office (normally DCMA) delineating the specific quality requirements to be performed by the Quality Assurance Representative (QAR).

4. Documentation:

a. To facilitate Engineering Support Activity Quality Assurance functions, NAWCADLKE Quality Assurance branch requires an information copy of the solicitation and the contract documents associated with this procurement action.

B: CONTRACT QUALITY REQUIREMENTS

The following requirements may be included verbatim in the solicitation and contract documents associated with this procurement action or may be invoked using similar language that ensures these same provisions form a requirement of any subsequent procurement action.

1. Quality Assurance Standards:

The Quality Assurance standard for this procurement is FAR 52-246-11; Higher Level Inspection System. The contractor shall have and maintain a quality assurance program meeting the requirements of ANSI/ASQC Q9002, MIL-I-45208A, or a recognized industry standard or process control system that is equivalent or better. (FAR 52-246-2 is also applicable).

2. Note to Contractor, NAWCADLKE Visitation Clause:

Because of the critical nature of this material, a representative of the Naval Air Warfare Center Aircraft Division Lakehurst (NAWCADLKE) is available to furnish technical assistance on Quality Assurance (QA) matters and shall have the option of conducting QA surveillance for the first lot produced under this contract (and all subsequent lots if necessary). This requirement will be performed in conjunction with the Quality Assurance Representative (QAR) of the cognizant Defense Contract Management Command and does not abrogate the authority or responsibility of the designated QAR. The contractor agrees to notify, in writing, the supervisor of the QA section Code, 4.8.13. 2, Lakehurst, NJ 08733-5035 when material is scheduled to be presented to the DCMC QAR for Government inspection and acceptance. This notice shall afford the NAWCADLKE QA representative the option of being present during the inspection. Notification may be provided via telephone (732)-323-7504 immediately followed by written conformation, or via facsimile transmission (FAX 732-323-1381). A minimum of fourteen (14) working days is required to arrange such a visit.

3. Government Unique Requirements:

The following requirements are unique to US Government contract circumstances and supplement the ISO 9000 (or ANSI/ASQC 9000) series of Quality standards.

a. Government Furnished Material/Equipment;

The contractor's quality system shall establish procedures to ensure the adequate storage, maintenance, and inspection of Government property furnished under the terms of the government furnished property clause.

b. Government Source Inspection:

The Government reserves the right to inspect at source, those supplies and services not manufactured or performed with the contractor's facility. Such inspection can only be requested by or under the authorization of the Government Representative. When Government inspection is required, the contractor shall add to his purchasing document the following statements:

"Government inspection is required prior to shipment from your plant. Upon receipt of this order, promptly notify the Government Representative who normally services your plant so that appropriate planning for Government inspection can be accomplished."

The contractor must also have procedures that ensure that the Government Representative is afforded the opportunity to review all purchasing documents and that when Government Source inspection is requested, a copy of the applicable purchasing document/order is furnished to the Government Representative.

4. Configuration Control:

Configuration control in accordance with MIL-STD-973 is required. The technical data for the baseline configuration to be used for this procurement is:

NAWCADLKE drawing(s) and errata sheets (TDRs). ECP submissions in short form are permissible in accordance with the Contract Data Requirements List (CDRL), waivers and deviations in accordance with CDRLs. The approval authority for all class I and class II waivers and deviations shall be NAWCADLKE Code 4.8.10.

5. Quality Conformance and Lot Sampling Inspection:

All inspection actions will be documented with the actual measurements and or findings recorded per the contractor's established procedures. If quantities are such, that sampling inspection would be advantageous to the supplier and not disadvantageous to the Government, then the sampling procedures set forth in ANSI/ASQC Z1.4 and as described herein may be used. The interpretation and implementation of any sampling plan must be acceptable to the Government, who reserves the right to reject any proposed sampling scheme deemed to be inappropriate. If the sampling plan is considered unacceptable, 100% inspection shall apply.

a. Definitions:

1. **100% inspection** is defined as inspection *all* features, attributes, and/or requirements on all parts produced and documenting the same.
2. **100% inspection of critical features** is defined as inspection of those features, attributes, and/or requirements classified as Critical on the drawing or within the technical specification for every part of every lot.
3. A **lot Sample** is defined as a subset of a production lot randomly selected in accordance with an established sampling plan.
4. **Sampling inspection per an established Acceptable Quality Level (AQL)** is defined as inspection of *all* features, attributes and/or requirements on *all* parts of lot sample corresponding to the AQL. This may be further defined by specifying an AQL for attributes classified as Major and Minor.
5. **Sampling inspection of a Major characteristic** is defined as inspection of *all* of the those features, attributes, and/or requirements identified as Major on all parts within a given lot sample, in which the lot sample size is determined by the Acceptable Quality Level (AQL) specified for Major characteristics.
6. **Sampling inspection of a Minor characteristic** is defined as inspection of *all* of those features, attributes, and/or requirements not identified as Critical, Major, or Important Minors on all parts within a given lot sample, in which the lot sample size is determined by the Acceptable Quality Level (AQL) specified for Minor characteristics.
7. **Important Minor Characteristics** are defined as those items not identified as critical or major but are identified by their feature description(s) in the sampling plan below.
8. **Sampling inspection of Important Minor characteristic** is defined as inspection of *all* of the those features, attributes, and/or requirements identified as Important Minors on all parts within a given lot sample, in which the lot sample size is determined by the Acceptable Quality Level (AQL) specified for Important Minor characteristics.

b. Sampling Plan

Using the definitions and constraints described herein, the contractor may use a sampling inspection in accordance with ANSI/ASQC Z1.4. Switching procedures must be a part of the contractor's sampling plan as described in ANSI Z1.4, paragraph 8. Sampling inspection will be as described in ANSI/ASQC Z1.4 for Single Sampling using a general inspection level of II. The sampling plan used by the contractor will adhere to the following Acceptable Quality Levels (AQL):

Critical Characteristics: 100% inspection

Major Characteristics: 100% inspection

Important Minors (not already identified as critical or major):

- a. Dimensional features with a tolerance range of +/- .005 or less: AQL is 1.0
- b. Geometric feature controls with a tolerance range of .003 or less: AQL is 1.0
- c. True position feature controls with MMC permissible and a tolerance range of .003 or less: AQL is 1.0
- d. Class 3 threads: AQL is 1.0
- e. Surface finish of 16 or less: 100%
- f. Attributes for plating, hardness, 100% inspection:
- g. Non destructive testing: 100%

Minor Characteristics: AQL is 4.0

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the

A. CONTRACT LINE ITEM NO. B. EXHIBIT C. CATEGORY:
TDP _____ TM _____ OTHER COQC

D. SYSTEM/ITEM E. CONTRACT/PR NO. F. CONTRACTOR
9G 5342-00-833-2845

1. DATA ITEM NO. 2. TITLE OF DATA ITEM 3. SUBTITLE
1 CERTIFICATE OF QUALITY COMPLIANCE NA

4. AUTHORITY (Data Acquisition Document No.) 5. CONTRACT REFERENCE 6. REQUIRING OFFICE
FAR 52-246-9000 DSCR-JGTB

7. DD 250 REQ 9. DIST STATEMENT 10. FREQUENCY 12. DATE OF FIRST SUBMISSION 14. DISTRIBUTION
LT REQUIRED REQUIREMENTS SEE BLOCK 16
8. APP CODE 11. AS OF DATE 13. DATE OF SUBSEQUENT SUBMISSION SEE BLOCK 16
a. ADDRESSEE b. COPIES
Draft Final
Reg Repro

16. REMARKS
16. DELIVERY A COQC TO THE FOLLOWING ACTIVITIES UPON CONTRACT DELIVERY:
A. NAVAL AIR WARFARE CENTER AIRCRAFT DIVISION LACKHURST
ATTN: QA BRANCH (ED NEWMAN)
CODE 4.8.13.2
LAKEHURST, NJ 08733-5035
B. DEFENSE SUPPLY CENTER RICHMOND
ATTN: DSCR-JGPA
BUILDING 31, K BAY
23297-9000
15. TOTAL → 2

G. PREPARED BY H. DATE I. APPROVED BY J. DATE
Shirley Washington 29 JUNE 01 *John W. Miller* 29 JUN 01

17. PRICE GROUP

18. ESTIMATED
TOTAL PRICE